

## Peak District National Park

Forecast valid from 06:00 on Saturday 17 Apr 2021 until 23:59 on Sunday 18 Apr 2021

Forecast Issued on Saturday 17 Apr 2021 at 04:31

**Confidence:** High for overall settled theme and slow deterioration towards the end of the period.

**Headline for Saturday 17 Apr 2021:** Fine and dry with cloud developing and building by this afternoon.

### Mountain weather hazards on Saturday 17 Apr 2021

**Blizzards**

No Likelihood

**Gales**

No Likelihood

**Thunderstorms**

No Likelihood

**Heavy Snow**

No Likelihood

**Severe chill effect**

No Likelihood

**Heavy persistent rain**

No Likelihood

**Storm force winds**

No Likelihood

**Poor visibility**

No Likelihood

**Strong sunlight**

Medium Likelihood

| Weather and chance of precipitation at 600m                                        |                                                                                    |                                                                                    |                                                                                    |                                                                                      |                                                                                      |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Time                                                                               |                                                                                    |                                                                                    |                                                                                    |                                                                                      |                                                                                      |
| 06:00                                                                              | 09:00                                                                              | 12:00                                                                              | 15:00                                                                              | 18:00                                                                                | 21:00                                                                                |
|  |  |  |  |  |  |
| Sunny                                                                              | Sunny                                                                              | Sunny intervals                                                                    | Sunny intervals                                                                    | Sunny intervals                                                                      | Partly cloudy (night)                                                                |
| Precipitation probability                                                          |                                                                                    |                                                                                    |                                                                                    |                                                                                      |                                                                                      |
| 00%                                                                                | 00%                                                                                | 00%                                                                                | 00%                                                                                | 00%                                                                                  | 00%                                                                                  |

### Forecast for Saturday 17 Apr 2021

**Weather:** A cold and frosty start, but the frost will quickly melt in the prolonged morning sunshine. Any mist and fog in valleys soon clearing after dawn. Cloud bubbling up from late morning to give more cloud by afternoon but staying dry.

**Chance of cloud free mountain/hill tops above 600m:** 100%

**Visibility:** Generally very good visibility with distant hills visible, although poor visibility in valleys at first in mist and any fog patches.

**Forecast for Saturday 17 Apr 2021**

| Height (m)    | Wind Speed mean/gusts (mph) |        |         |        | Wind Direction (blowing from) |          |         |
|---------------|-----------------------------|--------|---------|--------|-------------------------------|----------|---------|
|               | 06:00                       | 09:00  | 12:00   | 15:00  | 18:00                         | 21:00    | 00:00   |
| <b>600</b>    | 3/5 NW                      | 6/9 NE | 8/12 NE | 7/11 E | 7/10 E                        | 12/16 SE | 9/11 SE |
| <b>300</b>    | 2/3 SE                      | 3/4 NW | 7/10 NE | 6/9 NE | 5/10 E                        | 9/18 SE  | 6/11 SE |
| <b>Valley</b> | 2/3 E                       | 2/3 W  | 5/8 NE  | 5/9 E  | 5/10 SE                       | 6/14 E   | 5/10 SE |

| Height (m)             | Temperature / Feels Like (°C) |       |       |       |       |       |       |
|------------------------|-------------------------------|-------|-------|-------|-------|-------|-------|
|                        | 06:00                         | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| <b>600</b>             | 4/2                           | 4/2   | 6/4   | 7/5   | 7/5   | 5/1   | 4/1   |
| <b>300</b>             | 5/4                           | 6/6   | 9/8   | 10/9  | 10/9  | 7/4   | 5/3   |
| <b>Valley</b>          | 2/1                           | 8/7   | 11/10 | 12/11 | 11/10 | 7/5   | 5/3   |
| <b>Freezing Level*</b> | 800m                          | 800m  | 1000m | 1100m | 1000m | 1000m | 1000m |

\*Level above which ground is expected to be frozen/snow is expected to settle.

**Meteorologist's View**

Feeling cold with the frost and slippery conditions first thing. Quickly warming up with moderate UV levels so sun protection is strongly advised.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

|                          |                |                |                |
|--------------------------|----------------|----------------|----------------|
| Recorded at              | Last 24 hours: | Last 48 hours: | Last 72 hours: |
| 02:00 on Sat 17 Apr 2021 | 0mm            | 0mm            | 0mm            |

**Forecast for Sunday 18 Apr 2021**

**Weather:** Another cold and clear start followed by a dry, bright and sunny day with some fair weather cloud developing by afternoon.

**Maximum wind:** Easterly 15 mph.

**Chance of cloud free mountain/hill tops above 600m:** 100%

**Visibility:** Very good visibility once again with distant hills visible, once any poor visibility in valleys clears.

**Temperature:** **Valleys:** Minus 3 degrees Celsius becoming Plus 14 degrees Celsius.  
**At 600m:** Minus 2 degrees Celsius becoming Plus 7 degrees Celsius (mid-afternoon)  
**Freezing level:** Mostly above summits.